

PHASE CHART

	1	2	3	4	5	6	7	
	(R)	(R)	(R)	(R)	(R)	(R)	(R)	
	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	
	(G)	(G)	(G)	(G)	(G)	(G)	(G)	
PHASE 2 + 6	G	G	G	G	R	R	R	←
2 + 6 CHANGE	Y	Y	Y	Y	R	R	R	→
PHASE 4	R	R	R	R	G	G	G	↓
4 CHANGE	R	R	R	R	Y	Y	Y	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	↔

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REMOVAL OF THE TRAFFIC SIGNAL AT MD 197 AND B/W PARKWAY NORTHBOUND RAMP (RAMP C-I) AND THE INSTALLATION OF A TEMPORARY TRAFFIC SIGNAL AT RELOCATED RAMP C-I IN PRINCE GEORGE'S COUNTY. MD 197 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

1. NORMAL OPERATION

DURING TRAFFIC CONTROL STAGE 2 THE INTERSECTION WILL OPERATE IN A NEMA (3) THREE-PHASE FULL-TRAFFIC-ACTUATED MODE WITH SOUTHBOUND AND NORTHBOUND MARYLAND 197 APPROACHES OPERATING CONCURRENTLY. THE RAMP FROM B/W PARKWAY WILL OPERATE ALONE.

2. CONTROLLER REQUIREMENTS

INSTALL A FULL-TRAFFIC-ACTUATED (8) EIGHT-PHASE CONTROLLER WITH ONE (1) FOUR CHANNEL, TIME DELAY OUTPUT LOOP DETECTOR AMPLIFIER HOUSED IN NEMA SIZE "6" POLE MOUNTED SYSTEM READY CABINET.

MAINTENANCE OF TRAFFIC

THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED FOR THE PROJECT

STANDARD NO. MD-105.00
STANDARD NO. MD-105.01
STANDARD NO. MD-105.02
STANDARD NO. MD-105.101 (FLAGGING OPERATION)
STANDARD NO. MD-105.103 (INTERSECTION FLAGGING OPERATION)

STANDARD NO. MD-105.105 (SHOULDER WORK)
STANDARD NO. MD-105.107 (LANE SHIFT)
STANDARD NO. MD-105.109 (LANE SHIFT)

NOTE: STANDARDS TO BE MODIFIED BY REPLACING W21-5 SIGN WITH A W29-1 SIGN (ROAD WORK AHEAD).

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

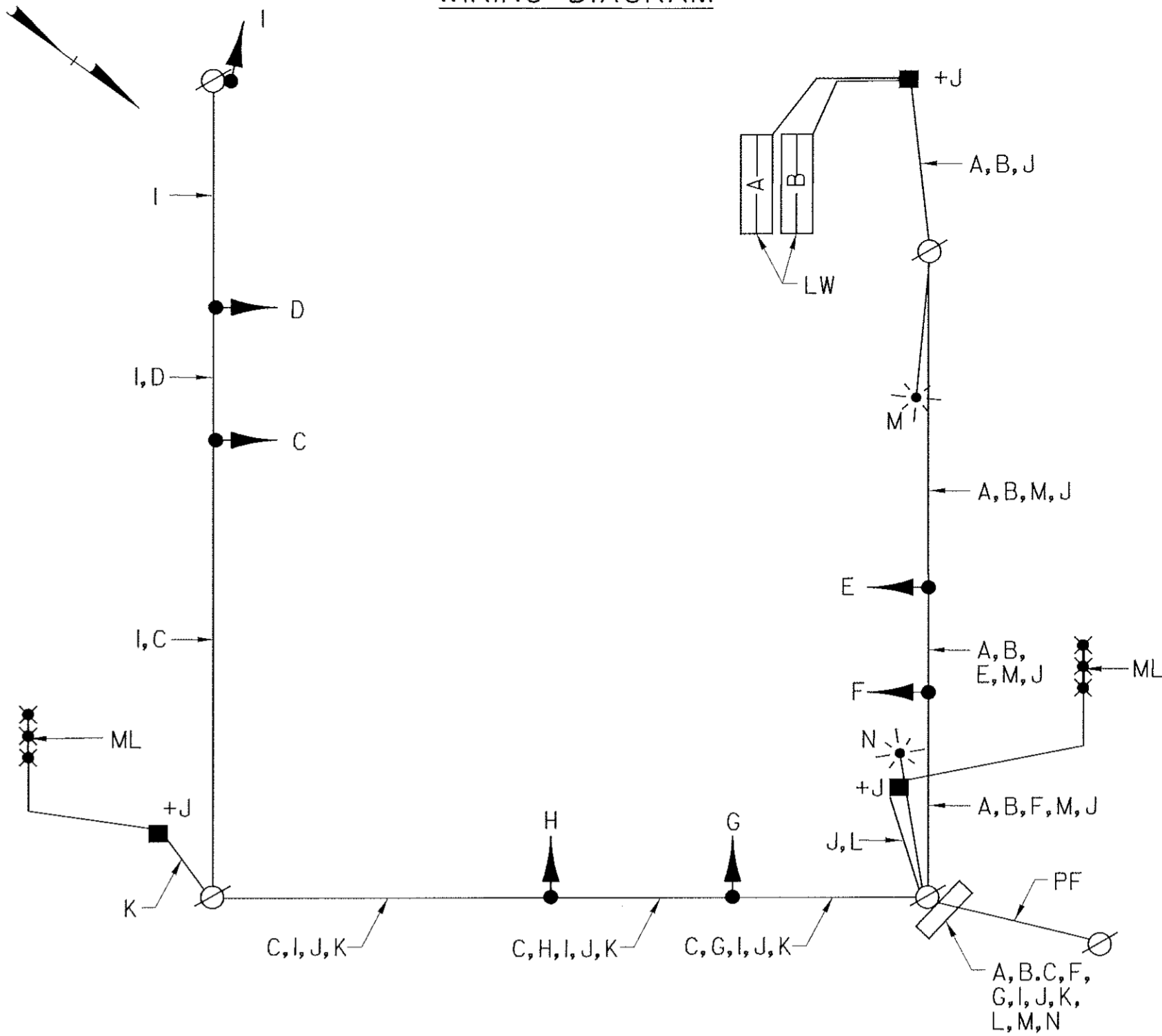
MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. JOE GECKLE
UTILITY ENGINEER
PHONE: (301) 513-7350

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:
BALTIMORE GAS AND ELECTRIC COMPANY
MR. JOSEPH G. BUNCH
SUPERVISOR
INDUSTRIAL/COMMERCIAL SERVICES
NEW BUSINESS CONSTRUCTION
PHONE: (410) 859-9030

WIRING DIAGRAM



WIRING KEY

A, B } 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)

C, D, E, F, } 5-CONDUCTOR ELECTRICAL
G, H, I } CABLE (NO. 14 A.W.G.)

K, L } MICRO LOOP PROBE SET

M, N } 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)

J } STRANDED BARE COPPER
GROUND WIRE (NO. 6 A.W.G.)

LW - LOOP WIRE (NO. 14 A.W.G.)

PF - POWER FEED (NO. 4 A.W.G.) (OVERHEAD)

+ - 3/4 IN. x 10 FT. GROUND ROD

ML - MICRO LOOP PROBE SET

ADDENDUM

STAGE 2
TEMPORARY TRAFFIC SIGNALS

SS-13

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 16019711.69

DRAWN BY: SMH
DES. BY: SMH/DLA
CHK. BY: BJH

MD 197 AT SNOWDEN RD/RAMP C-I
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: FEBRUARY, 1999 F.A.P. NO. SEE TITLE SHEET
SCALE: N/A S.H.A. NO. N/A

TS/STD. NO.: 3582B-X2-G11
SHEET NO. 126C OF 367

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REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER - TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY